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(FILE 'HOME' ENTERED AT 18:35:06 ON 07 DEC 2006)

FILE 'CAPLUS, MEDLINE' ENTERED AT 18:35:16 ON 07 DEC 2006

L1 15461 S POLYACRYLIC ACID
L2 17360 S 9003-01-4/RN
L3 23582 S L1 OR L2
L4 49546 S METHOTREXATE OR MTX OR TREXALL OR RHEUMATREX OR AMETHOPTERIN
L5 12996 S 59-05-2/RN
L6 50265 S L4 OR L5
L7 40 S L3 AND L6
L8 0 S L7 AND 1306-05-5/RN
L9 7 S L7 AND CERAMIC
L10 0 S L7 AND HYDROXYAPATITE
L11 5 S L7 AND HYDROXYLAPATITE

FILE 'STNGUIDE' ENTERED AT 18:40:16 ON 07 DEC 2006 .

SET NOTICE DISPLAY 1
SET AUHELP OFF
SET SMART OFF
SET MSTEPS OFF
SET EXPAND CONT
SET AUDIT OFF
DEL SEL Y

FILE 'CAPLUS' ENTERED AT 18:41:34 ON 07 DEC 2006

L12 1 S WO 2002009783/PN,APPS

FILE 'INPADOC' ENTERED AT 18:41:36 ON 07 DEC 2006

FILE 'CAPLUS' ENTERED AT 18:41:37 ON 07 DEC 2006

L13 TRA L12 1- PN : 3 TERMS

FILE 'INPADOC' ENTERED AT 18:41:38 ON 07 DEC 2006

L14 3 SEA L13
L15 0 S L14 AND US/PC
L16 0 S L14 AND ZA/PC
L17 0 S L14 AND EP/PC AND EN/LA
L18 0 S L14 AND WO/PC AND EN/LA
L19 0 S L14 AND AU/PC
L20 0 S L14 AND CA/PC AND EN/LA
SET AUHELP LOGIN
SET SMART LOGIN
SET MSTEPS LOGIN
SET EXPAND LOGIN
SET AUDIT LOGIN
SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 18:43:46 ON 07 DEC 2006

FILE 'INPADOC' ENTERED AT 18:43:47 ON 07 DEC 2006

FILE 'CAPLUS' ENTERED AT 18:44:08 ON 07 DEC 2006

FILE 'CAPLUS, MEDLINE' ENTERED AT 18:44:17 ON 07 DEC 2006

FILE 'CAPLUS, MEDLINE' ENTERED AT 18:44:23 ON 07 DEC 2006

L21 0 S CARBOXYPHENOXY W PROPANE W SERBACIC
L22 0 S PCCP.SA
L23 0 S CCP.SA
L24 44 S CPP:SA

| | |
|-----|----------------------------------|
| L25 | 28 S 90409-77-1/RN |
| L26 | 70 S L24 OR L25 |
| L27 | 2 S L26 AND L6 |
| L28 | 1 S L26 AND CERAMIC |
| L29 | 0 S L26 AND HYDROXYLAPATITE |
| L30 | 1 S L26 AND HYDROXYAPATITE |
| L31 | 0 S L26 AND TRICALCIUM PHOSPHATE |
| L32 | 6 S L26 AND (PORE OR POROUS) |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L1 | 53560 | porous same ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:48 |
| L2 | 9452 | L1 and (calcium or hydroxyapatite) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:49 |
| L3 | 1335 | L2 and (acid same treat\$5 same surface) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:50 |
| L4 | 224 | L3 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:50 |
| L5 | 193 | L4 and (porosity or density) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:55 |
| S1 | 1 | "10728006" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:08 |
| S2 | 2513 | porous same ceramic same calcium | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:25 |
| S3 | 792 | S2 and hydroxyapatite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:20 |
| S4 | 733 | S3 and bone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:20 |
| S5 | 328 | S4 and drug same delivery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:21 |

EAST Search History

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|-----|-------|--|---|-----|----|------------------|
| S6 | 222 | S5 and (chemotherapy or cancer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:21 |
| S7 | 115 | S6 and mbx | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:22 |
| S8 | 128 | mbx and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:22 |
| S9 | 53499 | porous same ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:25 |
| S10 | 9418 | S9 and (calcium or hydroxyapatite) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:25 |
| S11 | 241 | S10 and (cisplatin or mbx) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:36 |
| S12 | 355 | S10 and (cisplatin or mbx or methotrexate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:53 |
| S13 | 31 | sambrook.in. same rodney | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:08 |
| S14 | 1 | S13 and (methotrexate or cisplatin) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:55 |
| S15 | 1 | S13 and (cancer or anticancer or neoplas\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:56 |
| S16 | 1 | S13 and (cancer or anticancer or neoplas\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:56 |

EAST Search History

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|-----|----|---|---|-----|----|------------------|
| S17 | 6 | S13 and (calcium) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:56 |
| S18 | 2 | S17 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:56 |
| S19 | 26 | austin.in. same wayne | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:57 |
| S20 | 4 | S19 and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:57 |
| S21 | 1 | S19 and (drug or methotrexate or cisplatin) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:57 |
| S22 | 8 | hannon.in. same michael | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 08:58 |
| S23 | 1 | sambrook.in. same mark | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 09:24 |
| S24 | 7 | ("4218255" "4293540" "4737411").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 09:28 |
| S25 | 0 | S24 and (cancer or anticancer or neoplas\$9 or mbx or methotrex\$9 or cisplatin) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 09:30 |
| S33 | 14 | "9200109" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 14:52 |
| S34 | 11 | "5762950" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 14:59 |

EAST Search History

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|-----|-------|---|---|-----|----|------------------|
| S35 | 36298 | mtx or methotrex\$9 or trexall or rheumatrex | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 15:00 |
| S36 | 1550 | S35 and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 15:00 |
| S37 | 1043 | S36 and (pore or porous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 15:00 |
| S38 | 422 | S37 and calcium and hydroxyapatite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 15:01 |
| S39 | 421 | S38 and (polymer or polymer\$4 or collagen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/04 15:14 |
| S40 | 303 | S39 and (pcc or paa or polyaspartic or polypropylene or fatty acid or seracic acid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:57 |
| S41 | 11 | "4293540" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 09:59 |
| S42 | 31 | sambrook.in. same rodney | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:08 |
| S43 | 5 | S42 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:23 |
| S44 | 2 | dytech and (mtx or methotrexate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:24 |
| S45 | 2 | dytech and cisplatin | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:25 |

EAST Search History

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|-----|-----|---|---|-----|----|------------------|
| S46 | 1 | dytech and ostoesarcoma | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:25 |
| S47 | 1 | dytech and ostoe\$9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:25 |
| S48 | 1 | dytech and (cancer or carcinoma) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:25 |
| S49 | 43 | dytech.as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:26 |
| S50 | 6 | S49 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 10:27 |
| S51 | 1 | "10820627" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 09:29 |
| S52 | 1 | "10362314" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 16:36 |
| S53 | 201 | (scaffolding or strut) same (porous and ceramic) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 16:37 |
| S54 | 68 | S53 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 16:39 |
| S55 | 5 | scaffold.clm. same strut.clm. and (pore or porous) and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 16:41 |
| S56 | 7 | scaffold\$5.clm. same strut.clm. and (pore or porous) and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/05 16:41 |

EAST Search History

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|-----|----|-----------------------------|---|-----|----|------------------|
| S59 | 11 | "5762950" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 09:37 |
| S60 | 4 | "6767550" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 09:42 |
| S61 | 6 | "5656108" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 09:42 |
| S62 | 15 | nies.in. and hydroxyapatite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 09:58 |
| S63 | 13 | "5650108" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 10:00 |
| S64 | 2 | "6777001" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 10:03 |
| S65 | 17 | "6264701" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 10:03 |
| S66 | 25 | "5981825" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 10:04 |
| S67 | 0 | wo "0215881" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 10:05 |
| S68 | 27 | "0215881" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 10:09 |
| S69 | 45 | "4737411" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 10:19 |

EAST Search History

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|-----|------|---|---|-----|----|------------------|
| S70 | 38 | "4218255" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 10:19 |
| S71 | 3 | "2002015881" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:03 |
| S72 | 0 | wo2002015881 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:07 |
| S73 | 318 | polyacrylic acid and hydroxyapatite and bone and (drug delivery or carrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:10 |
| S74 | 396 | polyacrylic acid and hydroxyapatite and porous | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:10 |
| S75 | 166 | polyacrylic acid and hydroxyapatite same porous | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 14:01 |
| S76 | 1726 | hydroxyapatite and ceramic and porous and density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:14 |
| S77 | 693 | S76 and (cancer or carcinoma or sarcoma or osteosarcoma or osteomy\$9) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:13 |
| S78 | 632 | S77 and polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:13 |
| S79 | 0 | S78 and (serbac\$9) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:14 |
| S80 | 1439 | S76 and polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:14 |

EAST Search History

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|-----|------|--|---|-----|----|------------------|
| S81 | 0 | S80 and serbac\$9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:15 |
| S82 | 146 | S80 and polyacrylic acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:15 |
| S87 | 88 | (carboxy phenoxy) propane | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:31 |
| S88 | 245 | pcc same polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:32 |
| S89 | 3312 | chlorinated polypropylene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 11:33 |
| S91 | 26 | poly[bis(p-carboxyphenoxy)propane and sebacic acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:27 |
| S92 | 18 | S91 and collagen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:08 |
| S93 | 6 | S92 and bone | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:24 |
| S94 | 178 | "4757128" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:24 |
| S95 | 19 | S94 and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:24 |
| S96 | 0 | S91 and ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:27 |

EAST Search History

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|----------|-------|---|---|-----|----|------------------|
| S97 | 2 | S91 and hydroxyapatite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:27 |
| S98 | 77 | cpp\$sa | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:27 |
| S10 0 | 118 | S98 or pcpp\$sa | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:28 |
| S10 1 | 9 | S100 and (ceramic or hydroxyapatite) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:28 |
| S10 2 | 2 | "7122057" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 13:57 |
| S10 3 | 62820 | ceramic same (pore or porous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 14:28 |
| S10 4 | 8130 | S103 same (polymer or collagen) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 14:28 |
| S10 5 | 197 | S104 same drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 14:28 |
| S10 6 | 25 | S105 same (density or porosity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 14:41 |
| S10 7 | 24 | S106 and (exterior or surface or coating) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 14:41 |
| S10 8 | 24 | S106 and surface | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 14:43 |

EAST Search History

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|----------|-------|--------------------------------|---|-----|----|------------------|
| S10 9 | 17 | S106 and coating | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 14:43 |
| S11 0 | 9 | "6541024" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:01 |
| S11 1 | 186 | hi\$por | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:16 |
| S11 2 | 1 | S111 same collagen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:10 |
| S11 3 | 2 | S111 and collagen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:10 |
| S11 4 | 5 | S111 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:11 |
| S11 5 | 4 | hi\$por and polyacrylic acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:35 |
| S11 6 | 17362 | hydroxyapatite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:35 |
| S11 7 | 103 | S116 and theoretical density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:35 |
| S11 8 | 78 | S117 and (collagen or polymer) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:36 |
| S11 9 | 23 | S118 and biodegradable | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:38 |

EAST Search History

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|----------|-------|---|---|-----|----|------------------|
| S12 0 | 10 | S119 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:36 |
| S12 1 | 35 | S118 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 15:51 |
| S12 2 | 3 | "6884427" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:02 |
| S12 3 | 10743 | hydroxylapatite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:02 |
| S12 4 | 17362 | hydroxyapatite | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:02 |
| S12 5 | 12646 | S123 or "I42" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:02 |
| S12 6 | 28883 | S124 or S125 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:03 |
| S12 7 | 3253 | S126 and collagen and drug delivery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:03 |
| S12 8 | 2932 | S127 and (porosity or density) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:03 |
| S12 9 | 2917 | S128 and surface | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:04 |
| S13 0 | 2577 | S128 and surface same (acid or cvd or plasma or alkali) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:05 |

EAST Search History

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|----------|-------|---|---|-----|----|------------------|
| S13 1 | 168 | S130 and polyacrylic acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:09 |
| S13 2 | 0 | wo "2000034454" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:09 |
| S13 3 | 3 | "2000034454" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 16:11 |
| S13 4 | 2 | wo "9620698" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 17:01 |
| S13 5 | 4493 | ceramic and drug delivery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/06 17:02 |
| S13 6 | 32 | S135 and low same (theoretical density) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 09:40 |
| S13 7 | 10920 | tricalcium phosphate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 09:40 |
| S13 8 | 930 | S137 and drug delivery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 09:41 |
| S13 9 | 598 | S138 and collagen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 10:31 |
| S14 0 | 435 | S139 and density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 09:46 |
| S14 1 | 151 | S140 and porosity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 09:46 |

EAST Search History

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|----------|------|--|---|-----|----|------------------|
| S14 2 | 283 | S139 and pore size | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 10:31 |
| S14 3 | 1739 | 424/422.icls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:10 |
| S14 4 | 3478 | 424/484.icls. or 424/485.icls. or 424/486.icls. or 424/487.icls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:42 |
| S14 5 | 1039 | 424/600.icls. or 424/601.icls. or 424/602.icls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:33 |
| S14 6 | 282 | 501/1.icls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:11 |
| S14 7 | 312 | 501/80.icls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:11 |
| S14 8 | 358 | 501/123.icls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:20 |
| S14 9 | 580 | S146 or S147 or S148 and (drug delivery) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:21 |
| S15 0 | 351 | S149 and density | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:24 |
| S15 1 | 302 | S149 and porosity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:23 |
| S15 2 | 84 | S149 and density.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:25 |

EAST Search History

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| S15 3 | 47 | S145 and (density.clm. or porosity.clm.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:27 |
| S15 4 | 311 | S145 and ((calcium phosphate) or (tricalcium phosphate) or hydroxyapatite or hydroxylapatite) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:34 |
| S15 5 | 109 | S154 and (surface same acid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:39 |
| S15 6 | 1430 | S144 and drug delivery | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:39 |
| S15 7 | 224 | S156 and (calcium phosphate or calcium triphosphate or hydroxyapatite or hydroxylapatite) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:40 |
| S15 8 | 496 | S144 and ((calcium phosphate or calcium triphosphate or hydroxyapatite or hydroxylapatite)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:44 |
| S16 0 | 26 | S157 and (density.clm. or porosity.clm.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:46 |
| S16 1 | 151 | S157 and (density or porosity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:46 |
| S16 2 | 92 | S161 and collagen | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 11:48 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|----------------------------|---|------------------|---------|------------------|
| L1 | 51379 | polyacrylic acid | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 18:11 |
| L2 | 1004 | I1 and porous same ceramic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 18:11 |
| L3 | 216 | I2 and drug | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 18:14 |
| L4 | 138 | I3 and pore | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 18:12 |
| L5 | 131 | I3 and carrier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 18:42 |
| L6 | 4 | "2002009783" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 18:43 |
| L7 | 1 | EP "1305055" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2006/12/07 18:43 |

Search Worksheet

Serial number: 10/728,006

Databases: _____

Important Ideas

| Concept 1 | AND | Concept 2 | AND | Concept 3 | AND | Concept 4 |
|---|-----|--|-----|---|-----|--|
| <p><u>porous ceramic</u></p> <p>- calcium phosphate hydroxyapatite</p> <p>$-Ca_{10}(PO_4)_6(OH)_2$</p> <p>1306-06-5</p> <p>OR</p> <p>"W"- hydroxyapatite</p> | AND | <p><u>chemotherapy agent</u></p> <p>MTX = methotrexate</p> <p>aka</p> <p>- trexall</p> <p>- rheumatrex</p> <p>- amethopterin</p> <p>- 59-05-2</p> <p>or</p> <p>cisplatin</p> | AND | <p>"biodegradable support"</p> <p>- collagen or polymer</p> <p>- PCPP-SA → poly(carboxy phenylpropene- serbic acid</p> <p>- PCC →</p> <p>- CPP-SA → chlorinated polypropylene-SA</p> <p>- FAD-SAPTMC → fatty acid dimer- serbic acid</p> <p>- PAA → polyaspartic acid</p> <p>OR</p> | AND | <p>* drug delivery</p> <p>* site-specific</p> <p>* anti-cancer</p> <p>* osteosarcoma</p> <p>* bone</p> <p>* grafts</p> <p>* controlled release</p> <p>* antineoplastic</p> |